

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08871

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F03D11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F03D E04H E02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 217 738 A (SMITH PAUL R) 19 August 1980 (1980-08-19) abstract column 2, lines 1-5; figure 1	1-12
Y	WO 02/27105 A (HENDERSON ALLAN P) 4 April 2002 (2002-04-04) abstract page 5, paragraph 2 - page 6, line 13; figure 2 column 23, paragraph 2 - column 27, line 2; figure 5	1-12
A	DE 28 31 255 A (LICENTIA GMBH) 24 January 1980 (1980-01-24) claims 1,8; figure 1	5
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- * & * document member of the same patent family

Date of the actual completion of the international search

22 March 2004

Date of mailing of the international search report

31/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3018

Authorized officer

Criado Jimenez, F

International Application No.

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08871

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4217738	A	19-08-1980	NONE	
WO 0227105	A	04-04-2002	AU 9689601 A CA 2424334 A1 WO 0227105 A1 US 2002124502 A1	08-04-2002 04-04-2002 04-04-2002 12-09-2002
DE 2831255	A	24-01-1980	DE 2831255 A1	24-01-1980
US 3473279	A	21-10-1969	NONE	
US 5678382	A	21-10-1997	JP 3002107 B2 JP 8170340 A US 5966882 A	24-01-2000 02-07-1996 19-10-1999